

2017 Emergency Preparedness Bulletin

City of Raleigh Public Utilities
Department

September 8, 2017

Emergency Action Plan: This is how you will be notified in case of a dam failure event

ATTENTION: Residents and businesses downstream of Lake Wheeler and Lake Benson

Why Did I Receive This?

You are receiving this notification because you are located in an at-risk area of flooding if a dam failure occurs. While we do not anticipate severe impacts from Hurricane Irma in this area, please read about how you can stay safe in the event of a reservoir dam failure.

The City of Raleigh Public Utilities Department (CORPUD) is the owner and operator of both the Lake Wheeler Dam and Lake Benson Dam. Both dams are located in the Swift Creek Watershed and the Lake Benson reservoir is the raw water source for the Dempsey Benton Water Treatment Plant. We always expect our dams to operate safely but emergency preparedness and public safety are critically important, therefore an Emergency Action Plan (EAP) has been developed in cooperation with local, county and state emergency authorities.

What Does the EAP Do For Me?

The EAP identifies residents and businesses that are at-risk of flooding if a dam failure(s) occurs. See the attached map for areas potentially impacted by flooding associated by a dam failure. Detailed flood maps are available at: www.raleighnc.gov

By utilizing data and GIS, the EAP contains modeling data that informs authorities of who to issue an emergency warning to and when to issue that warning.

How May I Receive a Warning?

Your local emergency management authority will coordinate with emergency services and utilize communications software to deliver warning and instructions

- 1) Wake County residents and visitors are strongly encouraged to sign up for ReadyWake! Alerts (readywake.com) to receive text, mobile phone and e-mail alerts of a flooding/evacuation related emergency that impacts you. Johnston County residents and visitors may do the same by signing up to receive JOCO Alerts at: www.johnstonnc.com

- 2) Local first responders and/or local Parks, Recreation & Cultural Resources authority may patrol in your area to issue warnings and instructions.
- 3) An onsite siren alarm system along Swift Creek is activated to alert citizens who are outdoors they should avoid flood prone areas.
- 4) The Emergency Alert System (EAS) may also be utilized. This is a national public warning system that can be activated by state and local authorities to deliver emergency notifications to a specific area. Messages may be delivered through your cable television network, satellite television provider, radio service and/or phone.
- 5) Reverse 9-1-1 may also be used for emergency notification.

Where are my Nearby Shelter?

Wake County and/or Johnston County may open emergency shelters that can accommodate overnight stay. Emergency authorities will notify you of available shelter locations.

Emergency Actions

Pay close attention to any instructions you receive. Instructions may include evacuation orders or a notice to take shelter.

For More Information

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(919) 996-2164

www.raleighnc.gov/home/content/Communications/Articles/HurricaneIrma.html

Sign Up For Emergency Alerts!

I live in or I'm visiting Wake County, NC

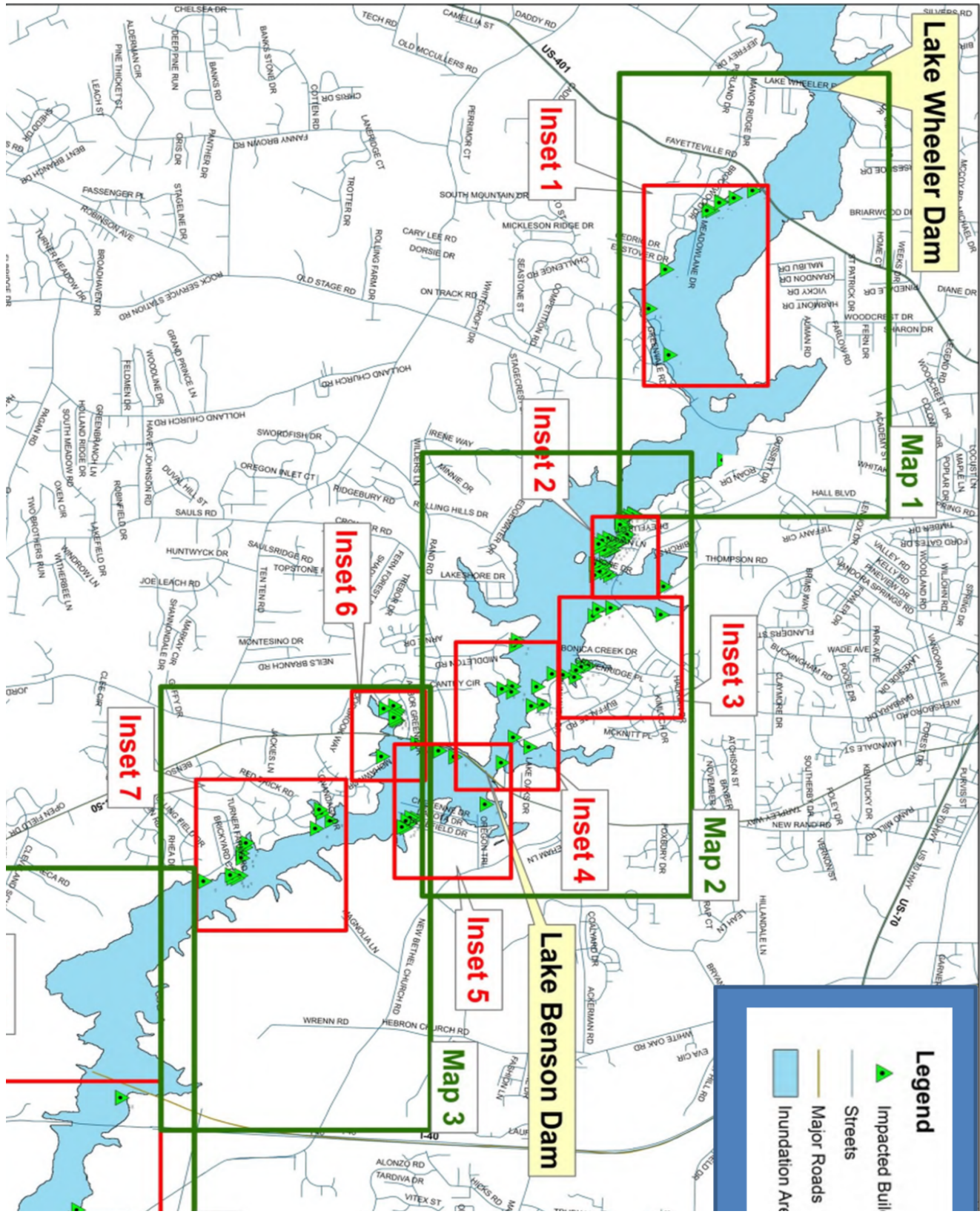
ReadyWake! Alerts

www.readywake.com

I live in or I'm visiting Johnston County, NC

JOCO Alerts

www.johnstonnc.com (click on "JOCO Alerts")



Lake Wheeler Dam

Map 1

Inset 1

Inset 2

Inset 6

Inset 7

Inset 3

Map 2

Inset 4

Inset 5

Map 3

Lake Benson Dam

Legend

Impacted Building

Streets

Major Roads

Inundation Area